

CLEAN VERSION OF REWRITTEN OR ADDED CLAIMS  
PURSUANT TO 37 CFR § 1.21 (c)(1)(i)

Please amend the following claims.

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- b )
1. (Twice Amended) A composition, comprising:
    - i) a solid matrix having porosity that is substantially free of solvent comprising a mixture of:
      - a) at least one polymer, wherein said polymer is selected from the group consisting of poly(L-lactic acid), poly(D,L-lactic acid-co-glycolic acid (PLGA) and poly(methyl methacrylate); and
      - b) at least one inorganic compound wherein said inorganic compound is selected from the group consisting of hydroxyapatite and calcium phosphate.
  2. (Twice Amended) The composition of Claim 1, wherein said porosity is greater than approximately 85%.
  3. (Twice Amended) The composition of Claim 1, wherein said porosity is greater than approximately 90%.
  4. (Twice Amended) The composition of Claim 1, wherein said porosity is greater than approximately 95%.
  
  6. (Twice Amended) A composition, comprising:
    - a) a three dimensional structure formed by a solid matrix having a porosity; and
    - b) a simulated body fluid contacting said structure, wherein said matrix comprises a mixture of;
- B/N

- b2
- i) at least one polymer, wherein said polymer is selected from the group consisting of poly(L-lactic acid), poly(D,L-lactic acid-co-glycolic acid (PLGA) and poly(methyl methacrylate); and
  - ii) at least one inorganic compound wherein said inorganic compound is selected from the group consisting of hydroxyapatite and calcium phosphate.

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9. (Twice Amended) The composition of Claim 6, wherein said porosity is greater than approximately 85%.

b3

10. (Twice Amended) The composition of Claim 6, wherein said porosity is greater than approximately 90%.

11. (Twice Amended) The composition of Claim 6, wherein said porosity is greater than approximately 95%.

b4

13. (Twice Amended) The composition of Claim 1, wherein said porosity is greater than approximately 80%.

14. (Twice Amended) The composition of Claim 6, wherein said porosity is greater than approximately 80%.

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Please add the following claims:

b5

15. (New) A solid matrix having a porosity comprising a mixture of hydroxyapatite and at least one polymer in a ratio, wherein said polymer is selected from the group consisting of poly(L-lactic acid), poly(D,L-lactic acid-co-glycolide acid (PLGA), and poly(methyl methacrylate), wherein said ratio is between 90:10 and 10:90.

16. (New) The solid matrix of Claim 15, wherein said ratio is 70:30.

17. (New) The solid matrix of Claim 15, wherein said ratio is 30:70.
18. (New) The solid matrix of Claim 15, wherein said porosity is greater than approximately 80%.
19. (New) The solid matrix of Claim 15, wherein said porosity is greater than approximately 85%.
20. (New) The solid matrix of Claim 15, wherein said porosity is greater than approximately 90%.
21. (New) The solid matrix of Claim 15, wherein said porosity is greater than approximately 95%.
22. (New) The solid matrix of Claim 15, wherein said matrix is biodegradable.
23. (New) A mixture comprising poly(L-lactic acid), hydroxyapatite and a solvent, wherein said poly(L-lactic acid) and said hydroxyapatite are in a ratio of approximately 1:1 by weight.
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